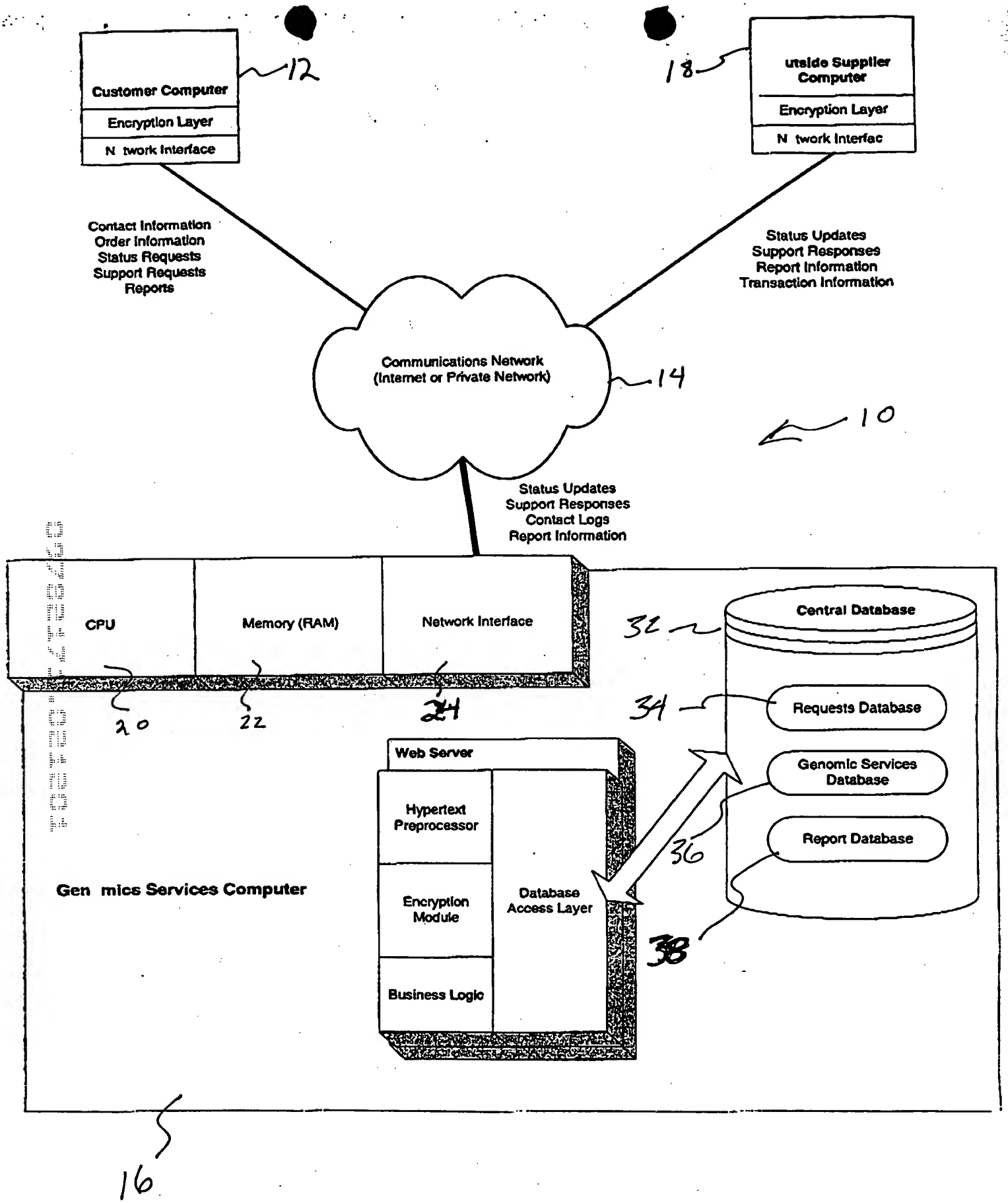
Customer Computer
Encryption Layer
N twork Interface
12
18
utside Supplier Computer
Encryption Layer
N twork Interfac
Contact Information
Order Information
Status Requests
Support Requests
Reports
Status Updates
Support Responses
Report Information
Transaction Information
Communications Network
(Internet or Private Network)
14
10
Status Updates
Support Responses
Contact Logs
Report Information
CPU
Memory (RAM)
Network Interface
20
22
24
Central Database
32
34
Requests Database
Genomic Services Database
Report Database
36
38
Web Server
Hypertext Preprocessor
Encryption Module
Business Logic
Database Access Layer
Gen mics Services Computer
16

FIG. 1

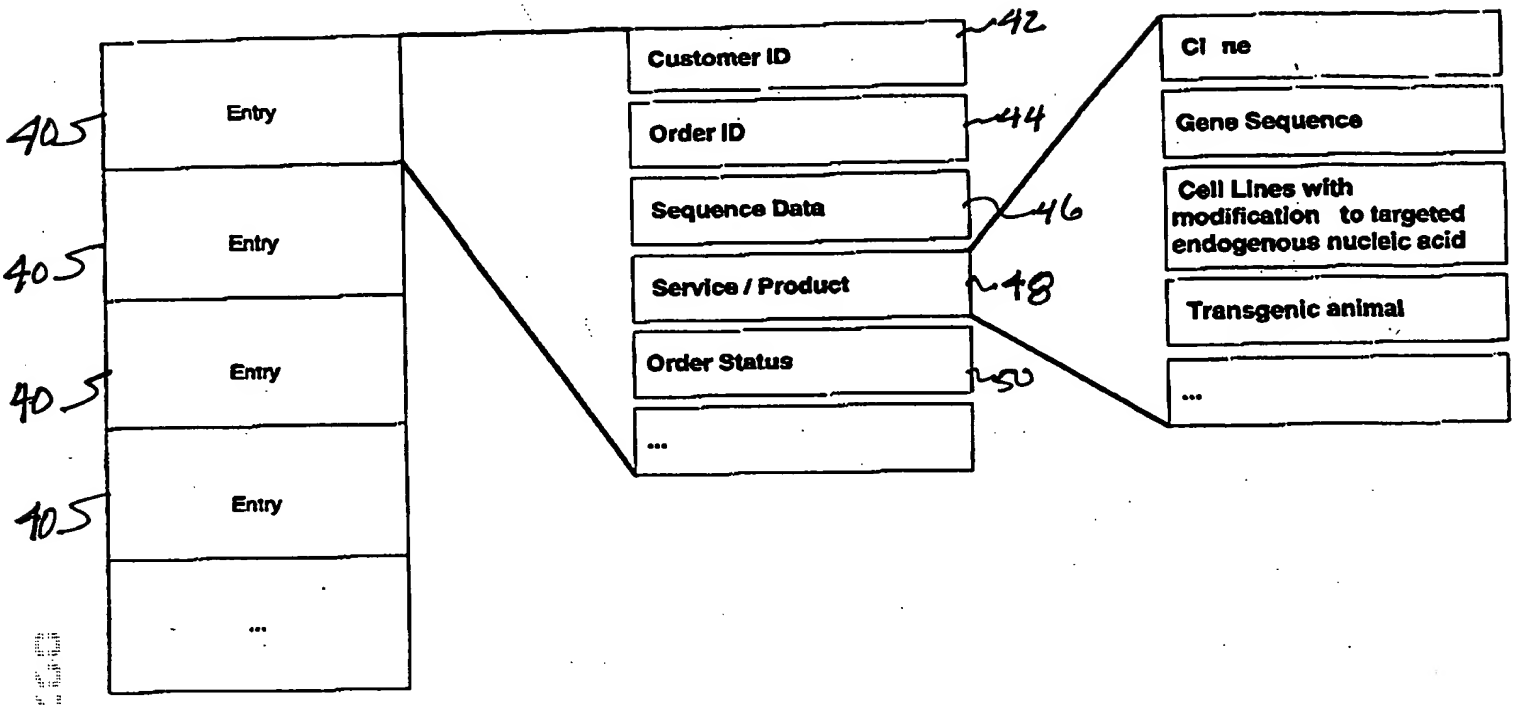
Request Database 34
Entry
Entry
Entry
Entry
...
405
405
405
405
Customer ID
Order ID
Sequence Data
Service / Product
Order Status
...
42
44
46
48
50
Cl ne
Gene Sequence
Cell Lines with modification to targeted endogenous nucleic acid
Transgenic animal
...

FIG. 2

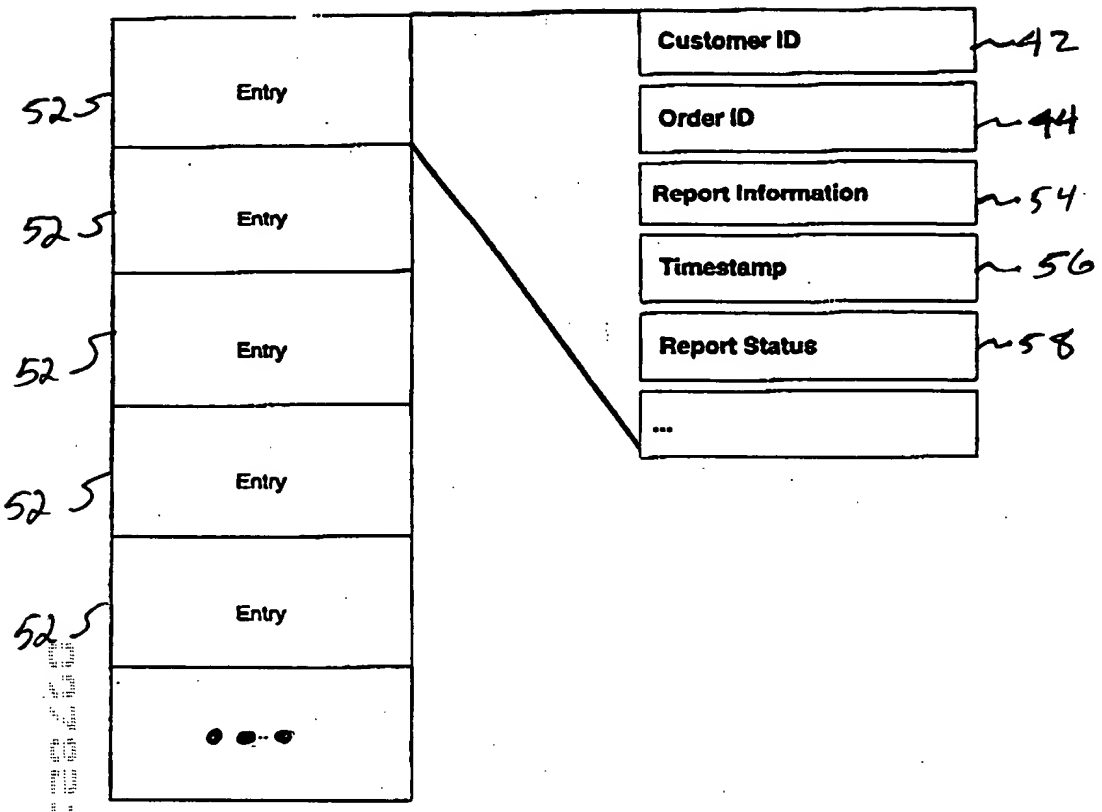
Report Database 38
Entry
Entry
Entry
Entry
Entry
525
525
525
525
525
Customer ID
Order ID
Report Information
Timestamp
Report Status
...
42
44
54
56
58

FIG. 3

Gen mic Services Database 36

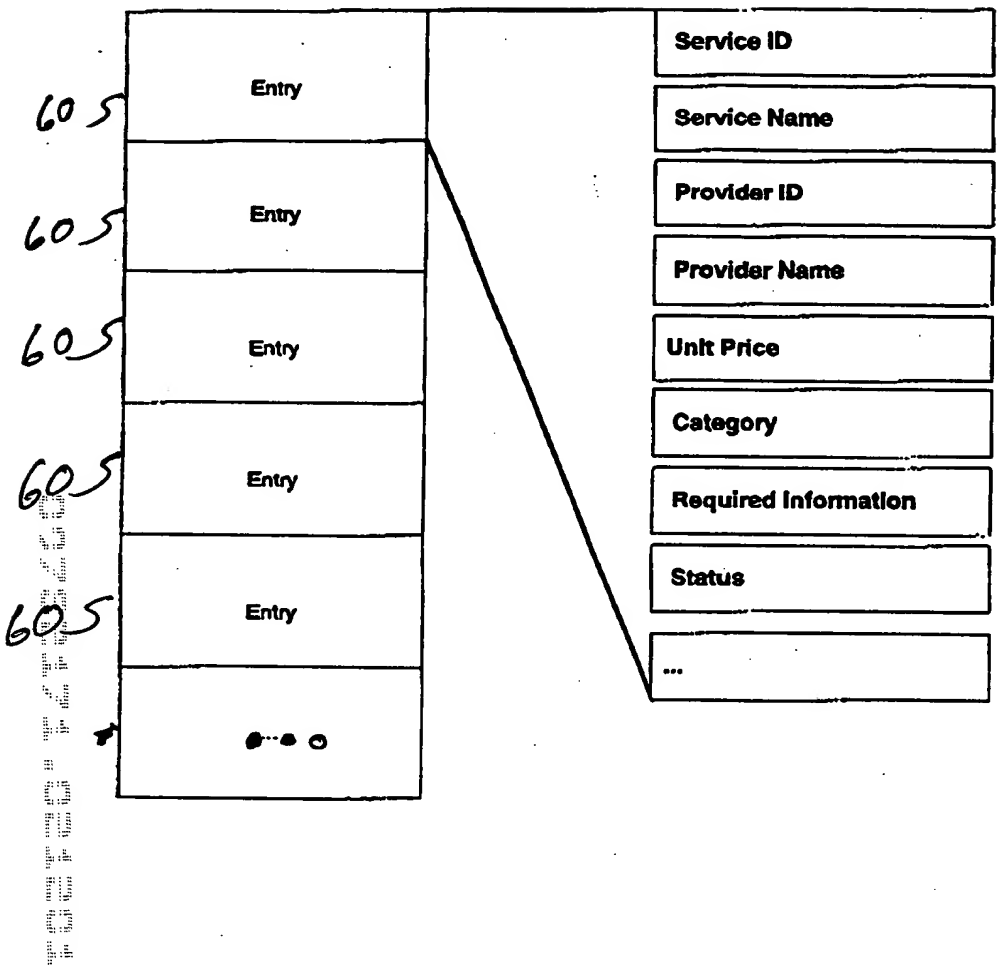

FIG 4

REQUEST RE[redacted]VING APPLICATION 28[redacted]

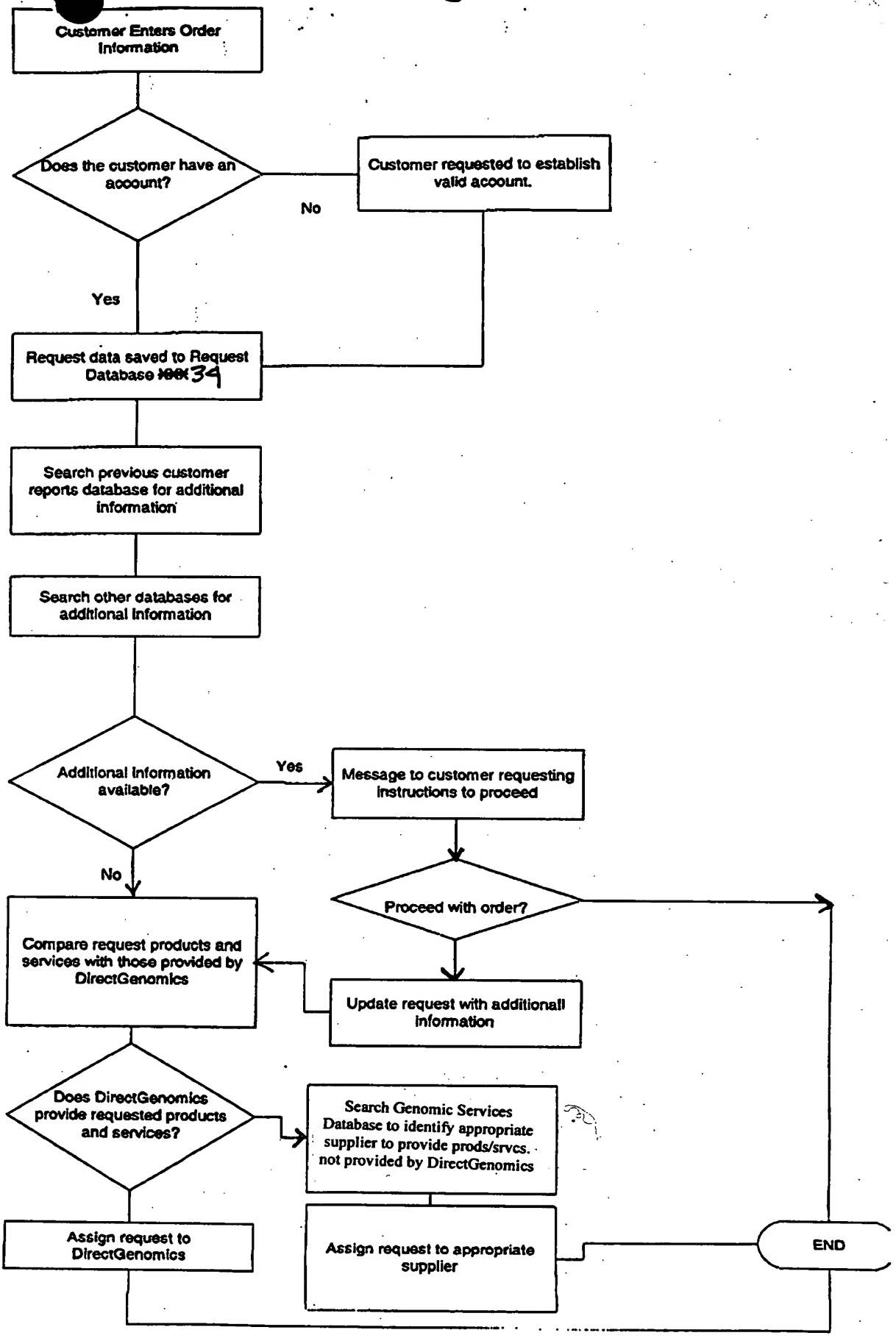

FIG. 5